

# SWISSTEC Sourcing Vietnam Joint Stock Company



*Think Sourcing. Think SWISSTEC*

18L1-2 Street 3, Vietnam-Singapore Industrial Park 2,  
Thu Dau Mot City, Binh Duong Province, Vietnam.



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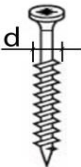
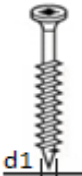
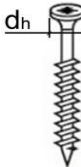
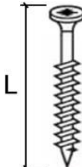
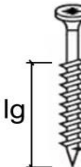
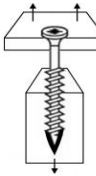
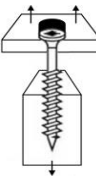
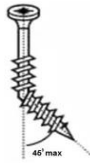
Screw description:

CBS CSK FLAT HD TX10 6NIBS SAW HALF THRD TYP17 WZP CR3 C1022  
3X40

Material: C1022

Certificate No.: [CPR-J-00135-21](#)

Report No.: [1015-CPR-30-15255/12/JZ](#)

| Size                                                         | Nominal diameter                                                                   | Inner thread diameter                                                              | Head diameter                                                                      | Total length                                                                       | Thread length                                                                      | Torsional ratio<br>$F_{tor,k}/R_{tor,k}$                                                                                                                                                                                         | Withdrawal parameter<br>(Loading across / along the fibre)<br>(N/mm <sup>2</sup> )   | Head pull-through parameter<br>(N/mm <sup>2</sup> )                                  | Yield moment<br>$I_2 = 1d$<br>(Nmm)                                                  | Tensile capacity<br>(kN)                                                             |
|--------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|                                                              | (mm)                                                                               | (mm)                                                                               | (mm)                                                                               | (mm)                                                                               | (mm)                                                                               |                                                                                                                                                                                                                                  |                                                                                      |                                                                                      |                                                                                      |                                                                                      |
|                                                              |  |  |  |  |  |                                                                                                                                                |  |  |  |  |
| 3x40                                                         | 2.7 - 3.0                                                                          | 1.7 - 2.05                                                                         | 5.6 - 6.0                                                                          | 38.5 - 40.0                                                                        | 22.5 - 25.5                                                                        | Min 1.5                                                                                                                                                                                                                          | 17.00 / 12.45                                                                        | 25.64                                                                                | 1312.9<br>(20 Deg)                                                                   | 2.9                                                                                  |
| Characteristic density of wood $\rho_k$ (kg/m <sup>3</sup> ) |                                                                                    |                                                                                    |                                                                                    |                                                                                    |                                                                                    | 450                                                                                                                                                                                                                              | 410                                                                                  | 350                                                                                  | -                                                                                    |                                                                                      |
| Durability (i.e. corrosion protection)                       |                                                                                    |                                                                                    |                                                                                    |                                                                                    |                                                                                    | Blue/yellow zinc plated, (3 to 10) $\mu$ m (Service Class 1 and 2 acc. to EN 1995-1-1)<br>Ruspert (20 to 25) $\mu$ m (Service Class 2 acc. to EN 1995-1-1)<br>Dacromet, (20 to 28) $\mu$ m (Service Class 3 acc. to EN 1995-1-1) |                                                                                      |                                                                                      |                                                                                      |                                                                                      |

## The manufacturer declares for:

The product is in accordance with EN 14592:2008+A1:2012 "Timber Structures – Dowel - Type fasteners – Requirements".

This declaration of conformity is valid until any changes in the product, the raw material or the production process is performed, which would significantly change the declared characteristics.

Date: 01 Feb 2023



Hieu Trong Nguyen